



BILLING CODE 5001-06

DEPARTMENT OF DEFENSE

Office of the Secretary

[Transmittal No. 17-64]

Arms Sales Notification

AGENCY: Defense Security Cooperation Agency, Department of Defense.

ACTION: Arms sales notice.

SUMMARY: The Department of Defense is publishing the unclassified text of an arms sales notification.

FOR FURTHER INFORMATION CONTACT: Pamela Young, (703) 697-9107, pamela.a.young14.civ@mail.mil or Kathy Valadez, (703) 697-9217, kathy.a.valadez.civ@mail.mil; DSCA/DSA-RAN.

SUPPLEMENTARY INFORMATION: This 36(b)(1) arms sales notification is published to fulfill the requirements of section 155 of Public Law 104-164 dated July 21, 1996. The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 17-64 with attached Policy Justification and Sensitivity of Technology.

Dated: December 4, 2017.

Aaron Siegel,

Alternate OSD Federal Register Liaison Officer,

Department of Defense.



DEFENSE SECURITY COOPERATION AGENCY

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ARLINGTON, VA 22202-5408

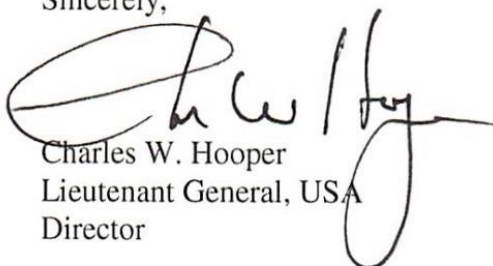
NOV 28 2017

The Honorable Paul D. Ryan
Speaker of the House
U.S. House of Representatives
Washington, DC 20515

Dear Mr. Speaker:

Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 17-64, concerning the Army's proposed Letter(s) of Offer and Acceptance to the Government of Poland for defense articles and services estimated to cost \$250 million. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,



Charles W. Hooper
Lieutenant General, USA
Director

Enclosures:

1. Transmittal
2. Policy Justification
3. Sensitivity of Technology



Transmittal No. 17-64

Notice of Proposed Issuance of Letter of Offer
Pursuant to Section 36(b)(1)
of the Arms Export Control Act, as amended

(i) Prospective Purchaser: Government of Poland

(ii) Total Estimated Value:

Major Defense Equipment*	\$215 million
Other	<u>\$ 35 million</u>
TOTAL	\$250 million

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase: High Mobility Artillery Rocket System (HIMARS)

Major Defense Equipment (MDE):

Sixteen (16) Guided Multiple Launch Rocket System (GMLRS) M31A1 Unitary
Nine (9) Guided Multiple Launch Rocket System (GMLRS) M30A1 Alternative
Warhead
Sixty-one (61) Army Tactical Missile Systems (ATACMS) M57 Unitary

Non-MDE:

Also included are eight (8) Universal Position Navigation Units (UPNU), thirty-four (34) Low Cost Reduced Range (LCRR) practice rockets, one thousand six hundred forty-two (1,642) Guidance and Control Section Assemblies for GMLRS, Missile Common Test Sets and Devices, testing Precision, Lightweight GPS Receivers (PLGR), support equipment, U.S. Government and contractor services, training, and other related elements of logistics and program support.

(iv) Military Department: Army (PL-B-UDD, PL-B-UDE)

(v) Prior Related Cases, if any: None

(vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None

(vii) Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: See Attached Annex

(viii) Date Report Delivered to Congress: November 28, 2017

*As defined in Section 47(6) of the Arms Export Control Act.

POLICY JUSTIFICATION

Poland – High Mobility Artillery Rocket System (HIMARS)

The Government of Poland has requested to purchase sixteen (16) Guided Multiple Launch Rocket System (GMLRS) M31A1 Unitary, nine (9) Guided Multiple Launch Rocket System (GMLRS) M30A1 alternative warheads, sixty-one (61) Army Tactical Missile Systems (ATACMS) M57 Unitary. Also included are eight (8) Universal Position Navigation Units (UPNU), thirty-four (34) Low Cost Reduced Range (LCRR) practice rockets, one thousand six hundred forty-two (1,642) Guidance and Control Section Assemblies for GMLRS, Missile Common Test Sets and Devices, testing Precision, Lightweight GPS Receivers (PLGR), support equipment, U.S. Government and contractor services, training, and other related elements of logistics and program support. The estimated cost is \$250 million.

This proposed sale will support the foreign policy and national security objectives of the United States by helping to improve the security of a NATO ally which has been, and continues to be an important force for political stability and economic progress in Europe. This sale is consistent with U.S. initiatives to provide key allies in the region with modern systems that will enhance interoperability with U.S. forces and increase security.

Poland intends to use these defense articles and services to modernize its armed forces and expand its capability to strengthen its homeland defense and deter regional threats. This will contribute to Poland's military goals of updating capability while further enhancing interoperability with the United States and other allies. Poland will have no difficulty absorbing this equipment into its armed forces.

The proposed sale of this equipment and support will not alter the basic military balance in the region.

The principal contractor will be Lockheed Martin in Grand Prairie, TX. This FMS case will support the parallel Direct Commercial Sale (DCS) between Lockheed Martin and Polska Grupa Zbrojeniowa (PGZ), the prime contractor for this effort in Poland. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will require U.S. Government or contractor representatives to travel to Poland for program management reviews to support the program. Travel is expected to occur approximately twice per year as needed to support equipment fielding and training.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

Transmittal No. 17-64

Notice of Proposed Issuance of Letter of Offer
Pursuant to Section 36(b)(1)
of the Arms Export Control Act

Annex
Item No. vii

(vii) Sensitivity of Technology:

1. The High Mobility Artillery Rocket Systems (HIMARS) is a highly mobile, all-weather indirect area fire artillery system. The HIMARS mission is to supplement cannon artillery to deliver a large volume of firepower within a short time against critical time-sensitive targets. At shorter ranges, HIMARS complements tube artillery with heavy barrages against assaulting forces as well as in the counter-fire, or defense suppression roles. The highest level of classified information that could be disclosed by a proposed sale, production, or by testing of the end item is SECRET; the highest level that must be disclosed for production, maintenance, or training is CONFIDENTIAL. Reverse engineering could reveal SECRET information. Launcher platform software, weapon operational software, command and control special application software, and command and control loadable munitions module software are considered UNCLASSIFIED. The system specifications and limitations are classified SECRET. Vulnerability data is classified up to SECRET. Countermeasures, counter-countermeasures, vulnerability/susceptibility analyses, and threat definitions are classified SECRET.

2. Guided Multiple Launch Rocket System (GMLRS) Unitary M31A1 uses a Unitary High Explosive (HE) 200 pound class warhead along with GPS aided IMU based guidance and control for ground-to-ground precision point targeting. The GMLRS Unitary uses an Electronic Safe and Arm Fuze (ESAF) along with a nose mounted proximity sensor to give enhanced effectiveness to the GMLRS Unitary rocket by providing tri-mode warhead functionality with point detonate, point detonate with programmable delay, or Height of Burst proximity function. GMLRS Unitary M31A1 end-item is comprised of a Rocket Pod Container (RPC) and six GMLRS Unitary Rocket(s). The RPC is capable of holding six (6) GMLRS Unitary Rockets and can be loaded in a M270A1 launcher (tracked), HIMARS M142 launcher, or European M270 (203 configuration that meets the GMLRS interface requirements) launcher from which the GMLRS rocket can be launched. The highest classification level for release of the GMLRS Unitary is SECRET, based upon the software, sale or testing of the end item. The highest level of classification that must be disclosed for production, maintenance, or training is CONFIDENTIAL.

3. Guided Multiple Launch Rocket System Alternative Warhead (GMLRS-AW) M30A1. The GMLRS-AW, M30A1, is the next design increment of the GMLRS rocket. The GMLRS-AW M30A1 hardware is over 90% common with the M31A1 GMLRS Unitary hardware. Operational range is between 15-70 kilometers. Accuracy of less than 15 meters Circular Error Probability at all ranges, when using inertial guidance with Global Positioning System (GPS)

augmentation. Uses a proximity sensor fuze mode with a 10 meter height of burst. The Alternative Warhead carries a 200 pound fragmentation assembly filled with high explosives which, upon detonation, accelerates two layers of pre-formed tungsten fragments optimized for effectiveness against large area and imprecisely located targets. The GMLRS-AW provides an area target attack capability that is treaty compliant (no un-exploded ordnance). It provides a 24 hour, all weather, long range attack capability against personnel, soft and lightly armored targets, and air defense targets. The GMLRS-AW uses the same motor, guidance and control systems fuze mechanisms, and proximity sensors as the M31A1 GMLRS Unitary. The highest classification level for release of the GMLRS-AW is SECRET, based upon the software, sale or testing of the end item. The highest level of classification that must be disclosed for production, maintenance, or training is CONFIDENTIAL.

4. The highest classification level for release of the ATACMS Unitary M57 FMS Variant is SECRET, based upon the software. The highest level of classified information that could be disclosed by a sale or by testing of the end item is SECRET; the highest level that must be disclosed for production, maintenance, or training is CONFIDENTIAL. Reverse engineering could reveal CONFIDENTIAL information. Fire Direction System, Data Processing Unit, and special Application software is classified SECRET. Communications Distribution Unit software is classified CONFIDENTIAL. The system specifications and limitations are classified CONFIDENTIAL. Vulnerability Data, countermeasures, vulnerability/susceptibility analyses, and threat definitions are classified SECRET or CONFIDENTIAL.

5. The GPS Precise Positioning Service (PPS) component of the HIMARS munitions (GMLRS Unitary, Alternative Warhead, and ATACMS Unitary) is also contained in the launcher Fire Direction System, is classified SECRET, and is considered SENSITIVE. The GMLRS M30A1, M31A1, ATACMS M57 and HIMARS M142 launchers employ an inertial navigational system that is aided by a Selective Availability Anti-Spoofing Module (SAASM) equipped GPS receiver.

6. If a technologically advanced adversary were to obtain knowledge of the specific hardware and software, the information could be used to develop countermeasures, which might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.

7. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the enclosed Military Policy Justification. A determination has been made that Poland can provide the same degree of protection for the sensitive technology being released as the U.S. Government.

8. All defense articles and services listed in this transmittal have been authorized for release and export to Poland.